

**PROCESS AND APPARATUS FOR PRODUCING CLING-FASTENER
PARTS MADE FROM RADIATION-CURED PLASTICS**

Abstract of the Disclosure

A process produces cling-fastener parts with a large number of interlocking members (24) from a formulation encompassing radiation-crosslinkable prepolymers. The prepolymer is molded, cast, and/or compression molded into the shape of a large number of interlocking members (24) together with a cling-fastener base (21), and is then radiation-cured. The apparatus producing the cling fasteners encompasses a feed (32, 10) for the formulation (14) of radiation-crosslinkable, in particular acrylic, prepolymers, at least one shaping roll (11) and one backing roll (12). The shaping roll (11) has a large number of radial cutouts (17). A source of UV radiation (19), or an electron-beam source, provides radiation curing of the molded radiation-curable formulation.